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(57) Abstract: An effervescent formulation comprising desmopressin, preferably comprising multilayer effervescent microspheres containing an acidic substance, a basic substance and water-soluble isolating agent. An effervescent formulation comprising desmopressin wherein dissolution in water of the multilayer effervescent microspheres leads, after almost immediate effervescence, to a solution or a homogeneous dispersion of the desmopressin. The formulation is used for treating diabetes insipidus, nocturnal enuresis, postoperative polyuria or polydipsia, nocturia associated with multiple sclerosis, mild to moderate haemophilia or von Willebrand's disease.

